

Application No. 10/791,646
Amendment dated December 20, 2006

2

Docket No.: 49458DIV (71987)

AMENDMENTS TO THE CLAIMS

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This listing of claims will replace all prior versions, and listings, of claims in the application:

1-22. (Cancelled).

23. (Currently amended) A vapor phase process for producing allyl acetate through oxacylation of propylene, acetic acid and oxygen in the presence of a catalyst with the condition that water is prevented from being added into reactant material for the oxacylation process, wherein the catalyst consists essentially of a porous carrier, 0.1 to 5.0 weight % of palladium metal as a main catalyst, 0 to 1.0 weight % of gold metal, and 0.01 to 5.0 weight % of tin metal as a promoter, based on the weight of said porous carrier, in combination with an alkali metal compound, supported on the outer surface of said porous carrier having a surface area of from about 100 to 120 m²/g, wherein and the total content of gold metal and tin metal based on the weight of said porous carrier is in the range of 0.01 to 5.0 weight %.

24. (Previously presented) The process according to claim 23, wherein the content of said main catalyst, palladium metal, based on the weight of said porous carrier, is in the range of 0.3 to 1.5 weight %.

25. (Previously presented) The process according to claim 23, wherein the content of said promoter, tin metal, based on the weight of said porous carrier, is in the range of 0.02 to 1.0 weight %.

26. (Currently amended) ~~The catalyst process~~ according to claim 23, wherein the total content of said promoter, tin metal and gold metal, based on the weight of said porous carrier, is in the range of 0.02 to 1.0 % by weight.

27. (Previously presented) The process according to claim 23, wherein the content of said alkali compound, based on the weight of said porous carrier, is in the range of 1 to 15 weight %.

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3

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28. (Currently amended) The ~~catalyst process~~ according to claim 27, wherein the content of said alkali compound, based on the weight of said porous carrier, is in the range of 4 to 10 weight %.

29. (Currently amended) The ~~catalyst process~~ according to claim 23, wherein said alkali or alkaline earth-metal compounds are hydroxides, acetates, nitrates or bicarbonates of potassium, sodium, cesium, magnesium, or barium.

30. (Currently amended) The ~~catalyst process~~ according to claim 29, wherein said alkali or alkaline earth-metal compounds are hydroxide, acetate, nitrate and bicarbonate of potassium.

31. (Currently amended) The ~~catalyst process~~ according to claim 23, wherein said porous carrier is selected from the group consisting of alumina, silica gel, silica, active carbon, silicon carbide, diatomaceous earth, pumice and a mixture thereof.